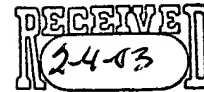


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communication is initiated automatically upon landing of the aircraft; and

a data reception unit in communication with said cellular infrastructure.

60. (ONCE AMENDED) An aircraft data transmission system, the aircraft having a data acquisition unit, comprising:

a communications unit located in the aircraft and in communication with the data acquisition unit;

a cellular infrastructure in communication with said communications unit after the aircraft has landed, wherein the communication is initiated automatically upon landing of the aircraft; and

a data reception unit in communication with said cellular infrastructure, wherein said data reception unit is in communication with said cellular infrastructure via the internet.

61. (ONCE AMENDED) An aircraft data transmission system, the aircraft having a data acquisition unit, comprising:

a communications unit located in the aircraft and in communication with the data acquisition unit;

a cellular infrastructure in communication with said communications unit after the aircraft has landed, wherein the communication is initiated automatically upon landing of the aircraft; and

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a data reception unit in communication with said cellular infrastructure, wherein said data reception unit is in communication with said cellular infrastructure via the public switch telephone network.

71. (ONCE AMENDED) A computer-implemented method of transmitting aircraft flight data from an aircraft, comprising:

receiving flight data from a digital flight data acquisition unit;

processing said flight data to prepare said data for transmission;

transmitting said processed data via a cellular infrastructure after the aircraft has landed, wherein the cellular infrastructure is accessed automatically upon landing of the aircraft; and

receiving said transmitted data and transmitting said received data via the internet before receiving said transmitted data at a flight operations center.

72. (ONCE AMENDED) A computer-implemented method of transmitting aircraft flight data from an aircraft, comprising:

receiving flight data from a digital flight data acquisition unit;

processing said flight data to prepare said data for transmission;